1st & Final

MEASUREMENT BOOK

40/21-22
15/01/2022

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work:- Improvements to Road and Drains at Padmahalli Surrounding area in ward No-05 Byatarayanapura Sub Division.						
	Est cost:- 20.00 lakhs.						
	Job code:- 005-17-000012						
	Work order No:- BBMP/EE/BTP/WO/199/2016-17 Dt: 08/03/2017						
	Name of contractor:- B.R. Dhananjaya.						
(1)	Earthwork excavation by manual means in ordinary soil involving an allg the throw upto 2m & an avg. lift upto 0.5m excavated						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 535316

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Surface leveles & sides neatly dressed etc complete Qty is from premeasurement of this MB pg-535790 dtd 190-35 @ Rate 84.31/m³						Qty-1208.79 m³ = 16047=60
(2)	Providing & laying in position p.c.c. of mix 1:4:8 with 40 m.m & down size graded granite metal coarse & fine aggregate mix in two layers not exceeding 15 cm in thickness well compacted mixed concrete bed by hand etc complete Qty is from premeasurement abstract pg-535791 @ Rate 5004.25/m³						Qty-35.40 m³ = 177150=70

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(3)	providing & constructing granite/basalt SSM in foundation with C.M 1:6 stone hammered dressed in courses not less than 20 cm high bond stone at two m apart etc complete Qty is from premeasurement Lit MB pg-535391 & Entry 3					Qty = $10.53 m^3$	
		(a)	Rate 4305.07/m^3			= 45332 = ₹	
(4)	providing & constructing granite/basalt SSM in Basement with C.M 1:6 edges of stone chisel dressed in courses not less than 15 cm high bond stone at two m apart etc complete						
	Vinayaka Nagar 4th cross 9th cross	2	6.0	0.20	0.45	= 2.70	
		2	5.4	0.20	0.45	= 2.43	

5.13

M. A. R. 57 (Rule 116)
Measurement Book

No. E 535317

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Telicom layout- Srirampura MR	2	7.20	0.50	0.45	= 3.24	
		2	5.40	0.50	0.45	= 2.43	5.67
						10.80 m^3	
						8.75 m^3	
		(a)	Rate 5146.14/m^3			limited to	
						= 45183 = ₹	
(5)	providing & removing centering, shuttering strutting propping etc & removal of form work for slabs & soffit of beams beam haunching cantilever girder etc complete						
	Cauvery	(1)	2	2 × 6.0 × 0.23		= 2.76	
			2	2 × 1.50 × 0.23		= 0.69	

3.45

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(2)	2	5.40	0.23	—	= 2.48	
		2	1.20	0.23	—	= 0.55	
	(3)	2	7.20	0.23	—	= 3.31	
		2	1.80	0.23	—	0.82	
	(4)	2	5.40	0.23	—	2.48	
		2	1.80	0.23	—	0.82	10.46
	C.C Drain						
	Triangular Nallah 4th Cross	2	30.0	0.60	0.60	= 36.0	
	C/FC	2	30.0	—	0.60	= 36.0	
		2	30.0	—	0.60	= 36.0	
		2	30.0	—	0.60	= 36.0	
		2	2.0	—	0.60	= 2.4	165.76
		2	17.80	—	0.60	= 21.36	179.22

M. A. R. 57 (Rule 116) No. E 535318
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	4th A Cross.	2	30.0	—	0.60	= 36.0	
		2	30.0	—	0.60	= 36.0	
		2	7.0	—	0.60	= 8.4	
		2	30.8	—	0.60	= 36.0	
		2	12.20	—	0.60	= 14.64	
						312.71 m^2	131.04
						limited to 286.96 m^2	
						= 75531 = 10	
	⑥ Rate 263.27/m^2						
	⑥ Providing & laying in position P.C.C. & mix 1:3:6 with 20 mm & down size graded granite metal coarse aggregate & fine aggregate MIC mixed						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Concreate laid in bayer not exceeding 15cm thick hand compacted.						
	Culvert ① coping	2	6.0	0.40	0.10	= 2.4	0.60
		1	6.0	0.60	0.10	= 0.36	
	coping ② V. Bar	2	5.40	0.20	0.10	= 0.54	
		1	5.40	0.30	0.10	= 0.16	
	③	2	7.20	0.20	0.10	= 0.72	
		1	7.20	0.75	0.10	= 0.54	
	④	2	5.40	0.20	0.10	= 0.54	
		1	5.40	0.75	0.10	= 0.40	
						5.66 m³	3.86
	⑧ Rate 5430.8/m³ Limited to 3.12 m³					= 16945=00	

M. A. R. 57 (Rule 116) No. E 535319

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
⑦	providing Flush pointing to cut & rake stone masonry work C.M 1:3 20m.m deep after raking joints to depth of 20m.m nicely lining including cost of materials etc.						
	Culvert ①	2	6.00	—	0.50	= 6.0	
	②	2	5.40	—	0.50	= 5.40	
	③	2	7.20	—	0.50	= 7.20	
	④	2	5.4	—	0.50	= 5.40	
						24.00 m²	
	⑧ Rate 99.74/m²			Limited to		19.50 m²	
						= 1945=00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(8)	providing & laying in position plain Cement Concrete 1:2:4 mix M20 with 20mm & down size graded granite metal coarse & fine aggregate (RMC mixes Concrete) laid in layers not exceeding 15cm (Lean etc complete						
	Culverts 4th Cross	1	6.0	1.50	—	0.23	= 2.07
	4th A Cross	1	5.40	1.10	—	0.23	= 1.49
	Tehcom layout	1	7.20	1.20	—	0.23	= 2.98
	Srirampura M L 28/04	1	5.40	1.80	—	0.23	= 2.23
	CC Drain Collective Engineering Services	1	30.0	0.90	0.10	= 15.48	2.70
	Bottom slab	1	30.0	0.90	0.10	=	2.70
		1	30.0	0.90	0.10	=	2.70

17/9/24

Executive Engineer

22/04

Executive Engineer

M. A. R. 57 (Rule 116) No. E 535320

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Side Walls	1	30.0	0.90	0.10	= 2.70	
		1	2.0	0.90	0.10	= 0.18	
		1	17.80	0.90	0.10	= 1.60	
		2	30.0	0.15	0.60	= 5.40	
		2	30.0	0.15	0.60	= 5.40	
		2	30.0	0.15	0.60	= 5.40	
		2	30.0	0.15	0.60	= 5.40	
		2	2.0	0.15	0.60	= 0.36	
		2	17.80	0.15	0.60	= 3.20	
	4th A Cross	1	20.0	0.90	0.10	= 2.70	
	Bottom Slab	1	30.0	0.90	0.10	= 2.70	
		1	7.0	0.90	0.10	= 0.63	35.63

CC Drain

17/9/2024

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Side walls	1	30.0	0.90	0.10	= 2.70	
		1	12.20	0.90	0.10	= 1.09	
		2	30.0	0.15	0.60	= 5.40	
		2	30.0	0.15	0.60	= 5.40	
		2	7.0	0.15	0.60	= 1.26	
		2	30.0	0.15	0.60	= 5.40	
		2	12.20	0.15	0.60	= 2.19	
						74.98 75.98 m³	
			Limited to			66.90 m³	
	@ Rate 61.80.51/m³					= 4128.58 = 11	
(9)	Providing T.M.T Steel reinforcement for the work including straightening cutting bending hooking placing in position tapping or welding						

M. A. R. 57 (Rule 116) No. E 535321
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	wherever required laying with binding anchoring to the adjoining members wherever necessary etc complete						
	Qty is from pre measurement sl no 8						pg-535321
						= 3.81 Ton	3.80
	@ Rate 57.630.51/Ton					= 219573 = 11	219573.06
							219573 = 11
(10)	providing laying spreading and compacting graded stones aggregate to wet mix macadam specification including providing the material with water						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	at OMC in mechanical mix plant carriage of mixed material & tipper to site laying in bituminous layer with paver on tack coat base course & roll preparation surface etc complete.						
	Qty is from premeasurement - Ref MB pg-535395						
	① @ Rs 1715.04/m³					Qty 192.40 192.44 m³ 32997.00	
						= 330042 = 00	
(11)	providing & applying primer coat @ from 7 to 9 kg/10m² for surface of low & medium porosity respectively over prepared surface of bound granular base with mc-bazzle m. for any other bituminous mixes with desired etc complete.						

M. A. R. 57 (Rule 116) No. E 535322
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty is from premeasurement Ref MB Pg-535396						
	② Rate 57.58/m²					Qty-962.23 m² limited to -962.0	
						= 55392	
(12)	providing & laying semi dense bituminous wearing course 25 m.m thick with 100-120 TPH batch type HMP producing an avg output of 75 tonnes/h using crushed aggregates & specified grading premixed with bituminous binder @ 4.5 to 5% by wt. of mix & laying						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Transporting 11th hut mix to White site Concrete Vinayaka Nagar 4th Cross	1	15.0	(4.90+4.50)/2		× 0.025 =	1.76
		1	15.0	(4.50+4.20)/2		× 0.025 =	1.63
		1	15.0	(4.20+4.40)/2		× 0.025 =	1.63
		1	15.0	(4.04+4.40)/2		× 0.025 =	1.57
		1	15.0	(4.40+4.40)/2		× 0.025 =	1.65
		1	15.0	(4.40+4.90)/2		× 0.025 =	1.74
		1	15.0	(4.90+4.90)/2		× 0.025 =	1.83

OFFC 22/04 15/9/24

M. A. R. 57 (Rule 116)
Measurement Book

No. E 535323

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	4th Cross	1	15.0	(4.90+4.40)/2		× 0.025 =	1.74
		1	4.9	4.40	× 0.025 =		0.53
		1	15.0	(4.70+4.40)/2		× 0.025 =	1.72
		1	12.0	(4.70+4.40)/2		× 0.025 =	1.42
		1	15.0	(5.70+5.40)/2		× 0.025 =	2.08
		1	15.0	(5.40+5.30)/2		× 0.025 =	2.04
		1	15.0	(5.40+5.40)/2		× 0.025 =	2.04
		1	6.10	4.70	× 0.025 =		0.71
							23.99 m³

OFFC 22/04 16/9/24 OFFC 25 16/9/24

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		@ Late 6237.06/27				= 149627=00	23.99 m³
(13)	precast- Slab 20 m.m thick including Centering & Shuttering making mixed Concrete 1:2:4 in bays not exceeding 150 sq.ft area work Complete 4th cross	1	30.0	× 0.90	—	= 27.0	
		1	30.0	× 0.90	—	= 27.0	
		1	30.0	× 0.90	—	= 27.0	
		1	30.0	× 0.90	—	= 27.0	
		1	2.0	× 0.90	—	= 1.80	
		1	17.8	0.90	=	16.02	125.82

M. A. R. 57 (Rule 116)
Measurement Book

No. E 535321

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	4th X Cross	1	30.0	0.90	—	27.0	
		1	30.0	0.90	—	27.0	
		1	7.	0.90	—	6.30	
		1	30.0	0.90	—	27.0	
	Cyl C	1	12.20	0.90	—	10.98	98.28
						224.10 m²	
	20/9/21		Limited to			198.00 m²	
	@ Late 1800.97 m²					= 3,56592=00	

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(14)	Leads for Disposal of Debris shall be payable at Carriage rates by mechanical Means Qty is from Wet Item no — ① = 190.33 M³ ② Rate ₹ 71.16/M³ = 13544=00					19,15,116.00	4915761=00
	certificate: ① The above work is done Satisfactorily ② The above Bill Amount is not Claimed by any other Bills.					Round off: 19,15,000.00	

(Contractor) JE

M. A. R. 57 (Rule 116)
Measurement Book

No. E 535325

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Bangalur main Road						
	4th main Road		40m	7m	17.8m	4th Cross 12.20m	
	Vinayaka Nagara 1st main Road					SSM Culvert CC. Drain Asphalt	
					42.20m		

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1st & Final

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P1771 - Zone Work - Pour Work ರಡಿ		TTB	1st & final		19,15,000	
	ಜಿಲ್ಲಾ ಮೊಬಲಗು ರೂ 19,15,000/= ಮಂಜೂರು ಮಾಡಿದೆ		IT	-	-	19,150	
	ಇದರಲ್ಲಿ ರೂ. 1,50,000/=		CGST	-	-	17099	
	ಮಾಡಿಕೊಂಡು ರೂ 17,65,000/=		SGST	-	-	17099	
			Cess	-	-	19,150	
	FT/NEFT/RTGS		CBT	-	-	1915	
	ನಿರ್ವಾಹಕರು ವ್ಯವಸ್ಥಾಪಕ ಬೃಹನ್ಮುಂಬಾ. ಬೆಂಗಳೂರು		Royalty	-	-	58807	
			Fine	-	-	16780	
			deductions	-	-	150000	
			Cheque	-	-	1765000	

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